



## **BJÖRN KJELLBERG**

23<sup>th</sup> of September 1946

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### **Summary**

Specialising in the field of metallurgical production and processes. More than 40 years of experience from metal extraction and refining. Practical and theoretical experience from raw materials, equipment design, production, logistics and research. Commissioning and start-up of more than totally some 20 metallurgical installations including Smelting Furnaces, EAF for steel melting, Ladle Furnaces, VD, VOD, continuous casters and complete melt shops.

Experienced photographer with photos published in international magazines and marketing material such as brochures and web pages.

International experience from travelling to more than 40 countries.

### **Academic Exams**

1971 M.Sc. in Metallurgy and Materials Technology  
Royal Institute of Technology (KTH), Stockholm, Sweden

### **Other Certificates**

1972 National Economy (15 credits)  
University of Stockholm, Sweden

1975 Marketing (15 credits)  
University of Umeå, Sweden

### **Professional Experience**

- 2011 - Private consultant as BKMet, Västerås, Sweden.
- Subcontractor for Metsol AB
    - Feasibility study for a VTD installation
    - Inquiry for aVTD installation
    - Inquiry for new process control system
    - Evaluation of chromite smelting operation
  - Steelmaking operator and engineers training – special training programme. Ellwood National Steel, Irvine PA
  - Development of process control models, UHT, Hagfors, Sweden.and Danieli S.p.a, Buttrio (Udine), Italy

- Sales and marketing of steelmaking equipment, Danieli S.p.a Buttrio (Udine), Italy
- Commissioning and documentation of VOD plant, Ellwood National Steel, Irvine PA

1989 – 2011 Danieli SpA Buttrio (Udine) Italy through the Danieli Swedish organisations CentroMet AB, 1989-2000 and Morgårdshammar AB, 2000-2011.

Process responsible, research and sales support for

- EAF, Ladle refining, LF, VD, VD-OB and VOD.
- Smelting Furnaces

Start up of complete melt shops, EAF, LF, VD and VOD installations

Feasibility studies, consultancy service and productivity analysis.

1985 - 1989 ASEA AB, later ABB, Västerås, Sweden

Sales support, research and commissioning and start up of:

- Smelting furnaces
- AC and DC EAF, Ladle Furnaces, VD and VOD
- Process control system

1975 - 1985 Fagersta AB, later Fagersta Stainless AB

Several positions, at the time of leaving the company:

Manager Process Development for all production areas within the company, melt shops, rolling mills, wire drawing, stainless tube welding. Responsible for the steel grade specifications.

1973 - 1975 Boliden AB, Rönnskär, Sweden.

Research Metallurgist for Cu and Pb smelting. Project manager for pilot plant trials at MEFOS Luleå, Sweden, on Pb and Ni smelting in the Kaldo converter (TBRC). Process responsible for the commissioning and start-up of a full scale TBRC for Pb smelting at Rönnskär.

1971 - 1973 Ph D studies at Royal Institute of Technology, Stockholm, Sweden

1972 - Member and project manager.

For a number of joint venture projects on steel refining and casting organised by The Swedish Ironmasters association (Jernkontoret) and the Swedish Institute for Metal Research (now Swerea KIMAB).

## Publications

Approximately 15 publications in international journals and conference proceedings.

## References

References available upon request.

## Contact



Metsol AB, Stockholm, Sweden

[www.metsol.se](http://www.metsol.se)

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